

**What is claimed is:**

1. A water purifier comprising:
  - a sediment filter removing rust and floating matters
- 5 in the water; a pre carbon filter removing chlorine and impurities in the water;
  - a ceramic material tube consisting of plurality of layer, improving the water molecule, maximizing movement of the water molecule and making weak alkali water by
- 10 radiating far infrared ray;
  - a silver carbon filter removing odor and bacteria in the water and activating the water; and
  - a ceramic filter removing various harmful matters in the water;
- 15 and wherein the ceramic material tube comprises;
  - a first magnet tube which is made of permanent magnets whose N pole or S pole are arranged at upper or lower portion, and the water flows between the permanent magnets;
  - bio ceramic balls made of serpentinite hornblende;
- 20 tourmalin ceramic balls made by firing tourmalin at high temperature;
  - alumina ceramic balls; natural black jades;
  - sericite ceramic balls having wavelength range which are similar to that of human bcdy and made by firing rough sericite at high temperature;
- 25 bio macsumsuk ceramic balls 37 made of rough acsumsuk;
- antibiosis ceramic ball, and
- a second magnet tube 39 which is made of permanent magnets M1 whose N pole or S pole are arranged at upper or
- 30 lower portion.

2. The water purifier of Claim 1, wherein the permanent magnets have magnetism of 2000 Gauss.

3. The water purifier of Claim 1, wherein the bio ceramic  
5 balls are made of serpentinite hornblende, and their diameter is 4 ~ 6mm, and they radiate far infrared ray of 5.6 ~ 2.0 microns.

4. The water purifier of Claim 1, wherein the tourmalin  
10 ceramic balls are made by firing the tourmalin at 1,0000C ~ 1,2000C, their diameter is 2.5 ~ 3.5mm, and they generate electricity of 0.06mA by applying heat, pressure and friction.

15 5. The water purifier of Claim 1, wherein the diameter of the alumina ceramic balls is 2.5 ~ 3.5mm.

6. The water purifier of Claim 1, wherein diameter of the natural black jades is 6 ~ 8mm.

20 7. The water purifier of Claim 1, wherein the sericite ceramic balls are made of rough sericite and their diameter is 2.5 ~ 3.5mm.

25 8. The water purifier of Claim 1, wherein the bio macsumsuk ceramic balls are made of rough macsumsuk and their diameter is 2.5 ~ 3.5mm.

30 9. The water purifier of Claim 1, wherein diameter of the antibiosis ceramic balls is 4 ~ 6mm.

10. The water purifier of Claim 1, wherein the composition ratio of each layer of the ceramic material tube with volume percentage, comprises 5% of the first magnet tube, 10% of the bio ceramic balls, 20% of the tourmalin ceramic  
5 balls, 10% of the alumina ceramic balls, 15% of the natural black jades, 10% of the sericite ceramic balls, 15% of the bio macsumsuk ceramic balls, 10% of the antibiosis ceramic balls, 5% of and the second magnet tube.
- 10 11. The water purifier of Claim 1, wherein the non-woven fabrics filter treated to have antibiosis is positioned between each layer of the ceramic material tube.